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|----------------------------|---------------|---------------|-------------------------|
| Species Tag: | 46001 | Species Name: | CS-34 |
| Version: | 2 | | Carbon monosulfide, |
| Date: | Jan. 1984 | | ³⁴ S isotope |
| Contributor: | R. L. Poynter | | |
| Lines Listed: | 34 | Q(300.0)= | 259.657 |
| Freq. (GHz) < | 1633 | Q(225.0)= | 194.940 |
| Max. J: | 34 | Q(150.0)= | 130.047 |
| LOGSTR0= | -3.6 | Q(75.00)= | 65.178 |
| LOGSTR1= | -2.5 | Q(37.50)= | 32.757 |
| Isotope Corr.: | -1.376 | Q(18.75)= | 16.546 |
| Egy. (cm ⁻¹) > | 0.0 | Q(9.375)= | 8.447 |
| μ_a = | 1.957 | A= | |
| μ_b = | | B= | 24103.541 |
| μ_c = | | C= | |

The experimental measurements were reported by R. C. Mockler and G. R. Bird, 1955, Phys. Rev. **98**, 1837, and M. Bogey, C. Demuynck, and J. L. Destombes, 1982, J. Mol. Spect. **95**, 35. The dipole moment was assumed to be the same as for the parent species. The maximum J and frequency were limited by the estimated uncertainty in the predicted lines.